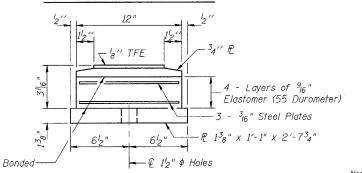
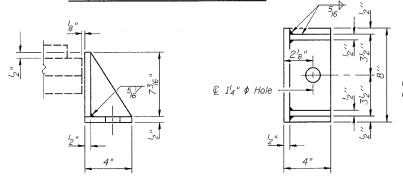


TOP BEARING ASSEMBLY

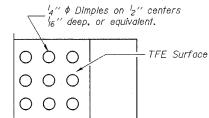


BOTTOM BEARING ASSEMBLY

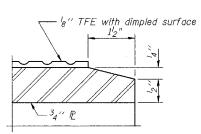


SIDE RETAINER W. ABUT.

Equivalent rolled angle with stiffeners will be allowed in lieu of welded plates. Weight included with Structural Steel.



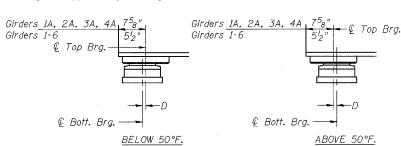
PLAN-TFE SURFACE



SECTION THRU TFE

The 18" TFE sheet shall be bonded directly to the top steel plate with a two-component, medium viscosity epoxy resin, conforming to the requirements of the Federal Specification MMM-A-134, Type I. The bond agent shall be applied on the full area of the contact surfaces.

Bonding of 18" TFE sheet during vulcanizing process will be permitted provided the process and method of adjusting assembly height is approved by the Engineer.

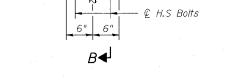


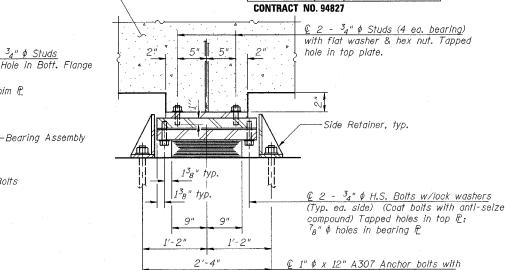
(Move bott. brg. away from fixed brg.)

(Move bott, brg. toward fixed brg.)

SETTING ANCHOR BOLTS AT EXP. BRG.

 $D=l_8''$ per each 100' of expansion for every 15° temp. change from the normal temp, of 50°F.





ROUTE NO. SECTION

107BY

F.A.P. RTE.

774

COUNTY

EFFINGHAM

FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT

273

240

SHEET NO. 14

29 SHEETS

ELEVATION AT E. ABUT.

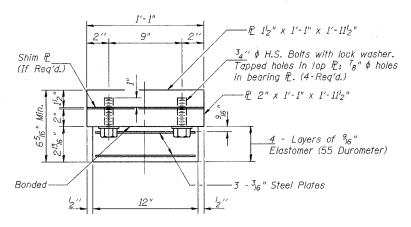
 $B \blacktriangleleft_1$

512"

SECTION B-B TYPE I ELASTOMERIC EXP. BRG. E. ABUT.

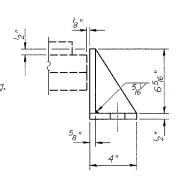
Concrete Diaphragm

- ³₄" ∮ Studs



BEARING ASSEMBLY

Note: Shim plates shall not be placed under Bearing Assembly,



€ 1'4" \$ Hole

SIDE RETAINER E. ABUT.

Equivalent rolled angle with stiffeners will be allowed in lieu of welded plates. Weight included with Structural Steel.

NOTES

 2^{l}_{4} " x 2^{l}_{4} " x 5^{l}_{16} " R washer under nut

See sheet 16 of 29 for Anchor Bolt installation. 7_8 " ϕ Holes for 3_4 " ϕ studs will be drilled in the field for existing girders. Cost included with Jacking and

The Structural Steel bearing plates of the elastomeric bearing assembly shall conform to the requirements of AASHTO M270, Grade 50.

BILL OF MATERIAL

Item	Unit	Total
Elastomeric Bearing Assembly Type I	Each	10
Elastomeric Bearing Assembly Type II	Each	10

SHEET TITLE	
BEARING DETAILS	
PROJECT	PROJECT NO. 02017
IL RTE. 32/33 OVER LITTLE WABASH RIVER F.A.P. RTE. 774 SECTION 107BY	SCALE
EFFINGHAM COUNTY STATION 1011+50-17	DRAWN BY CFC/TFG
STRUCTURE NO. 025-0078	CHECKED BY GJB/MCB
	DRAWING NO.
COOMBE-BLOXDORF P.C.	
Engineers / Land Surveyors	14
Springfield, Illinois	
Design Firm License No. 184-002703	OF 29 SHTS

I-3-E2 2-19-03